

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 3690928   |
| <b>Application Number:</b>                  | 10782316  |
| <b>International Application Number:</b>    |   |
| <b>Confirmation Number:</b>                 | 7621  |
| <b>Title of Invention:</b>                  | Joint, adaptive control of equalization, synchronization, and gain in a digital communications receiver |
| <b>First Named Inventor/Applicant Name:</b> | Thomas J. Endres  |
| <b>Customer Number:</b>                     | 23370   |
| <b>Filer:</b>                               | Jason Delmon Gardner/Gina Hamrick   |
| <b>Filer Authorized By:</b>                 | Jason Delmon Gardner  |
| <b>Attorney Docket Number:</b>              | S0465/283640  |
| <b>Receipt Date:</b>                        | 29-JUL-2008   |
| <b>Filing Date:</b>                         | 19-FEB-2004   |
| <b>Time Stamp:</b>                          | 09:06:53  |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)   |

### Payment information:

|  |                         |
|--|-------------------------|
| Submitted with Payment                   | yes                     |
| Payment Type                             | Credit Card             |
| Payment was successfully received in RAM | \$ 120                  |
| RAM confirmation Number                  | 5496                    |
| Deposit Account                          | 110855                  |
| Authorized User                          | KILPATRICK STOCKTON LLP |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

**File Listing:**

| Document Number  | Document Description                             | File Name                         | File Size(Bytes) /Message Digest                 | Multi Part /.zip | Pages (if appl.) |
|--|--|-----------------------------------|--|------------------|------------------|
| 1  |  | 283640_Amendment_and_Response.pdf | 90041<br>44c16eeaac09844a1d54d3b4fcbdc3d58790303 | yes              | 7                |
| <b>Multipart Description/PDF files in .zip description</b> |  |                                   |  |                  |                  |
|  | <b>Document Description</b>                      |                                   | <b>Start</b>                                     |                  | <b>End</b>       |
|  | Amendment - After Non-Final Rejection            |                                   | 1  |                  | 1                |
|  | Claims   |                                   | 2  |                  | 3                |
|  | Applicant Arguments/Remarks Made in an Amendment |                                   | 4  |                  | 7                |
| <b>Warnings:</b>   |  |                                   |  |                  |                  |
| <b>Information:</b>  |  |                                   |  |                  |                  |
| 2  | Extension of Time                                | 283640_PTOSB22.pdf                | 118648<br>e0caeb29a34b03a0e0202c3b1e054b9d30772d | no               | 2                |
| <b>Warnings:</b>   |  |                                   |  |                  |                  |
| <b>Information:</b>  |  |                                   |  |                  |                  |
| 3  | Fee Worksheet (PTO-06)                           | fee-info.pdf                      | 8202<br>801124b17e1be9616111680aebd10e2b074ca9d  | no               | 2                |
| <b>Warnings:</b>   |  |                                   |  |                  |                  |
| <b>Information:</b>  |  |                                   |  |                  |                  |
| <b>Total Files Size (in bytes):</b>                        |  |                                   | 216891   |                  |                  |

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.